

Snowdonia National Park

Forecast valid from 00:00 on Monday 18 Sep 2023 until 23:59 on Tuesday 19 Sep 2023

Forecast Issued on Sunday 17 Sep 2023 at 10:14

Confidence: High for poor conditions Monday morning, improving later in the day, followed by further rain Tuesday. Also high for winds strengthening, especially Tuesday. Confidence in details then become Low but remains high for the general theme of staying unsettled with sunny spells and showers or longer spells of rain.

Headline for Monday 18 Sep 2023: Early rain and isolated thunderstorms clearing late morning, to sunny spells and heavy, perhaps thundery, showers. Turning much cooler on the tops.

Mountain weather hazards on Monday 18 Sep 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Thunderstorm	Dull	Heavy Rain	Light rain	Heavy rain showers	Thundery showers	Heavy rain showers (night)	Partly cloudy (night)
Precipitation probability							
40%	30%	60%	40%	30%	30%	30%	20%

Forecast for Monday 18 Sep 2023

Weather: Rain and thunderstorms continuing at first but easing after midnight. However, these soon followed by a band of heavy, and perhaps thundery, rain moving east during the morning. Rain likely clearing by midday with sunny spells, but also brisk westerly winds developing during the afternoon. Further isolated and gusty showers also spreading east, heavy and thundery at times, but moving quickly through. Feeling much cooler, especially on the tops.

Chance of cloud-free hill tops above 800m: 10% at first, but improving to 90%

Low Cloud and visibility: Widespread cloud at 500m, perhaps briefly 300m in west with heavy rain band late afternoon, before lifting and breaking quickly after rain clears during the afternoon. Then largely above summits, although the patches perhaps returning above 900m during any heavy showers. Moderate to Poor visibility beneath the cloud during the morning, but increasing to Very Good or Excellent views during the afternoon, although views of distant hills occasionally limited due to passing showers.

Forecast for Monday 18 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/28 S	22/27 SW	26/32 W	28/36 W	30/40 W	31/41 W	35/44 W	37/47 W	37/48 W
600	16/21 S	16/20 SW	18/24 W	20/27 W	22/32 W	23/33 W	22/31 W	24/34 W	24/34 W
300	10/18 S	10/17 SW	12/20 W	13/23 W	16/28 W	16/28 W	14/27 W	15/29 W	15/29 W
Valley	10/18 S	10/17 SW	13/22 W	14/24 W	16/28 W	16/28 W	14/27 W	15/30 W	16/30 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	12/8	11/8	10/6	8/2	6/0	6/-0	5/-1	5/-2	5/-2
600	13/11	13/10	11/8	10/6	9/4	8/4	8/4	8/3	8/3
300	15/14	15/14	13/11	12/9	12/9	11/8	10/8	10/7	10/7
Valley	16/15	16/14	14/12	13/10	13/10	13/10	12/9	12/9	12/9
Freezing Level*	2900m	2800m	2700m	2100m	1600m	1500m	1600m	1500m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Very poor conditions for much of the morning, with rain and thunderstorms. Hills becoming much clearer, but also autumnal feeling during the afternoon. Further heavy, thundery showers will mean waterproofs will be needed and these could come and go rapidly, leading to sudden changes on the tops. Feeling rather cold in exposure, with brisk winds.

Forecast for Tuesday 19 Sep 2023

Weather: Cloud soon thickening from the west, with rain and drizzle spreading east by dawn. Rain and drizzle gradually becoming lighter through the day, but persistent on western upslopes. Some eastern hills staying dry. Milder than Monday, despite the very strong winds continuing to gradually strengthen. These especially strong across high level ridges such as Crib Goch. Chance of heavier, thundery rain after dark.

Maximum wind: Southwesterly 40mph gusting 50-60mph, increasing to southwesterly 45mph gusting 60-70mph

Chance of cloud-free hill tops above 800m: Near zero in west, 30% in east. Best chances during the afternoon.

Low Cloud and visibility: Widespread cloud obscuring hills at 600m in west, but areas of cloud possible at 400m. Cloud more broken and at 800m further east, with the best chance of clearer intervals during the afternoon. Moderate visibility for much of the day, and occasionally down to poor due to rain and drizzle.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 17 Celsius
At 800m: Plus 6 Celsius rising to Plus 13 Celsius
Freezing level: Above summits.

Ground Conditions Supplement

Please see - <https://snowdonia.gov.wales/visit/snowdon/yr-wyddfa-ground-conditions-reports/>

Issued at: 1014 on Sun 17 Sep 2023